

FIG. 1

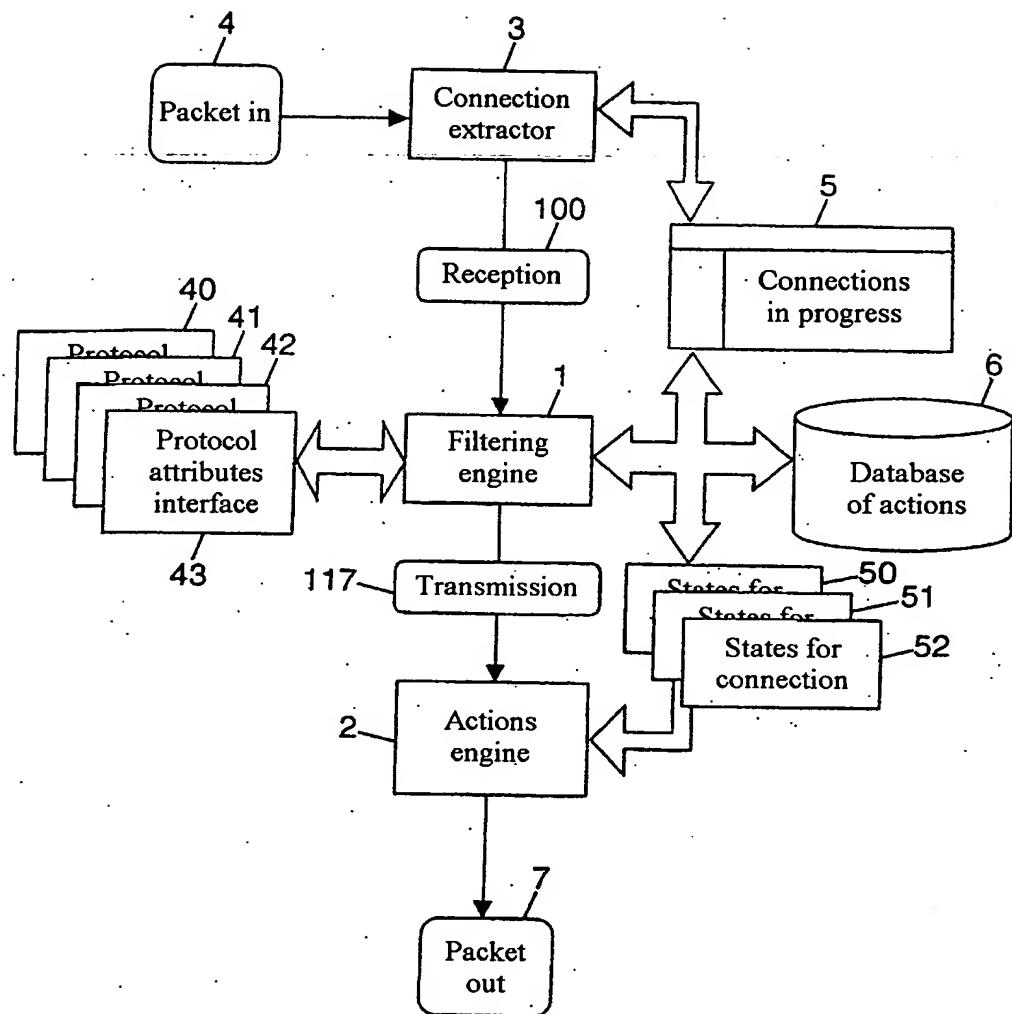


FIG. 2

Measurement links		61	Filters	
Statement 1	$F_i$		$F_1$	And ( Or ( $R_1$ ,not $R_i$ ))
Statement 2	$F_j$		$F_2$	Not (And( $R_m$ ,Or( $R_2$ ,
Statement $i$	$F_2$		$F_3$	Xor ( $R_i$ ,And( $R_2$ ,not
Statement $k$	$F_1$		$F_i$	And( $R_k$ ,And( $R_3$ ,not $R_i$ ))
Statement $q$	def	66	$F_j$	Or( $R_j$ ,And( $R_1$ ,AND( $R_i$ ))
		67	$F_k$	And ( $R_k$ , Or ( $R_1$ ,not
			$F_n$	Or ( And ( $R_1$ ,not $R_i$ ))

Firewall links		62	Rules	
Rejects	$F_k$		$R_1$	Attribute1 = value1 N
discards	$F_j$		$R_2$	Attribute2 < value1 A
accepts	def	66	$R_3$	Attribute1 != value3 A
		67	$R_4$	Attribute1 = value1 N

Service links		63		
Queue 20 Kb/s	$F_n$		$R_i$	Attribute i - value x N
Queue 50 Kb/s	$F_1$		$R_j$	Attribute j >= value j N
Queue 10 Kb/s	$F_3$		$R_k$	Attribute k > value2 A
Queue 16 Kb/s	$F_i$		$R_m$	Attribute3 <= value i N
Queue 20 Kb/s	def	66		59
		67		60

59 60 39

FIG. 6

Diagram illustrating three tables (53, 54, 55) with pointers and row numbers:

- Table 53: Connection link** (Left)
 

Connection link	
Statement i	F2
Statement k	F1
Statement q	def
Rejects	Fk
Accepts	def
Queue 50 Kb/s	F1
Queue 10 Kb/s	F3
Queue 20 Kb/s	def

 Row numbers: 49, 48
- Table 54: Filter states** (Middle)
 

Filter states	
Fi	-1
Fj	-1
F2	1
F1	0
Fk	0
F3	0

 Row numbers: 47, 46
- Table 55: Rule states** (Right)
 

Rule states	
Rk	0
R3	-1
Rj	-1
R1	-1
Rm	-1
Ri	0
R2	1

 Row numbers: 45, 44

FIG. 3

Diagram illustrating four tables (55-58) with pointers and row numbers:

- Table 58: And** (Left)
 

And	-1	1	0
-1	-1	-1	-1
1	-1	1	0
0	-1	0	0

 Row numbers: 58
- Table 57: Or** (Middle)
 

Or	-1	1	0
-1	-1	1	0
1	1	1	1
0	0	1	0

 Row numbers: 57
- Table 56: Xor** (Bottom Left)
 

Xor	-1	1	0
-1	-1	1	0
1	1	-1	0
0	0	0	0

 Row numbers: 56
- Table 55: Name** (Bottom Right)
 

Name	-1	1	0
	1	-1	0

 Row numbers: 55

FIG. 4

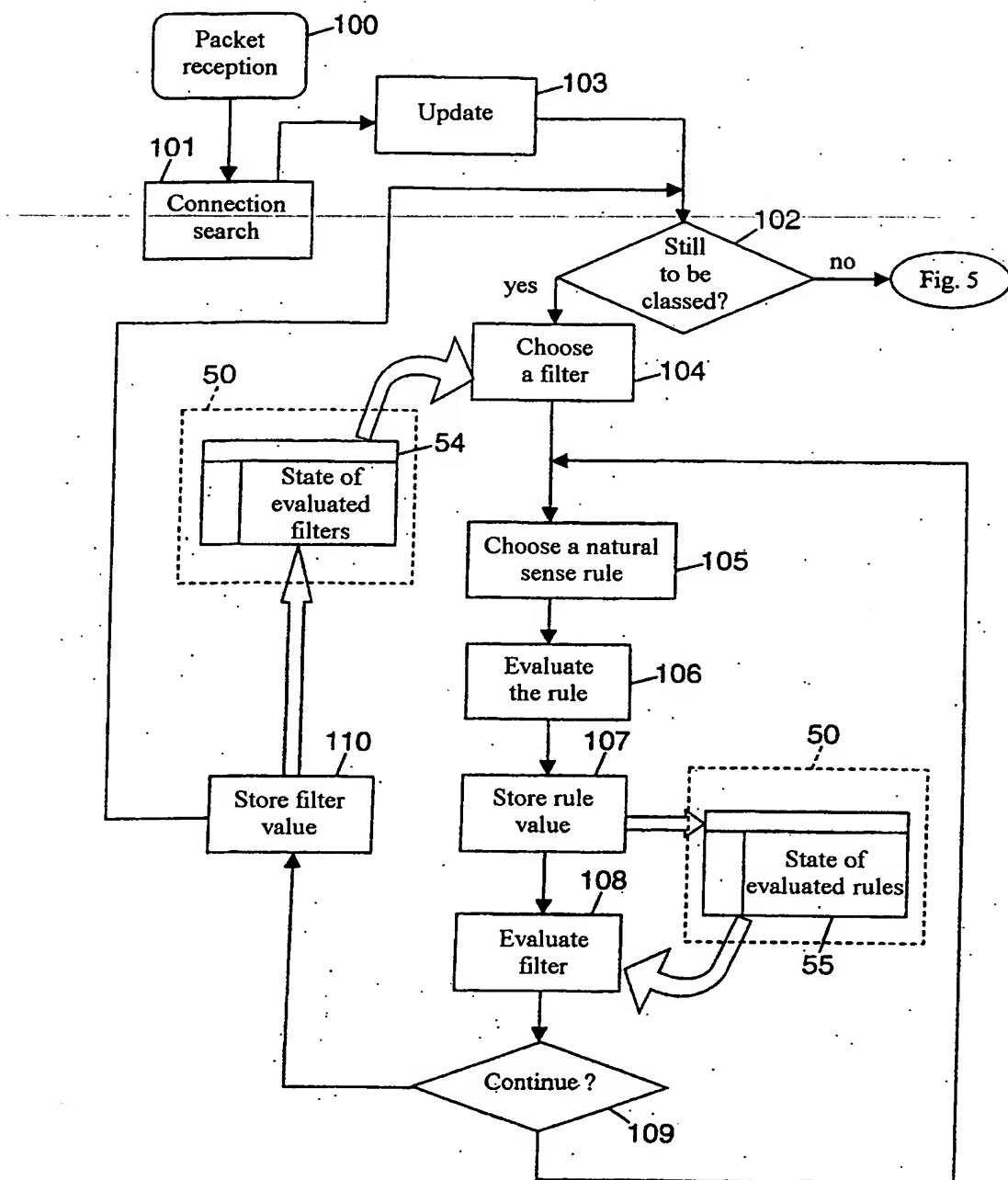


FIG. 5

